



**Billing Code 5001-06**

**DEPARTMENT OF DEFENSE**

**Office of the Secretary**

**(Transmittal Nos. 11-45)**

**36(b)(1) Arms Sales Notification**

**AGENCY:** Department of Defense, Defense Security Cooperation Agency.

**ACTION:** Notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of a section 36(b)(1) arms sales notification. This is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996.

**FOR FURTHER INFORMATION CONTACT:** Ms. B. English,  
DSCA/DBO/CFM, (703) 601-3740.

The following is a copy of a letter to the Speaker of the House of Representatives, Transmittals 11-45 with attached transmittal, policy justification, and Sensitivity of Technology.

Dated: December 19, 2011.

Aaron Siegel,  
Alternate OSD Federal Register Liaison Officer,  
Department of Defense.



DEFENSE SECURITY COOPERATION AGENCY  
201 12<sup>TH</sup> STREET SOUTH, STE 203  
ARLINGTON, VA 22202-5408

DEC 14 2011

The Honorable John A. Boehner  
Speaker of the House  
U.S. House of Representatives  
Washington, DC 20515

Dear Mr. Speaker:

Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 11-45, concerning the Department of the Army's proposed Letter(s) of Offer and Acceptance to the United Arab Emirates for defense articles and services estimated to cost \$60 million. After this letter is delivered to your office, we plan to issue a press statement to notify the public of this proposed sale.

Sincerely,

**Richard A. Genaille, Jr.**  
**Deputy Director**

Enclosures:

1. Transmittal
2. Policy Justification
3. Sensitivity of Technology
4. Regional Balance (Classified Document Provided Under Separate Cover)



Transmittal No. 11-45

Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act (U)

- (i) Prospective Purchaser: United Arab Emirates
- (ii) Total Estimated Value:

|                          |                      |
|--------------------------|----------------------|
| Major Defense Equipment* | \$ 50 million        |
| Other                    | <u>\$ 10 million</u> |
| TOTAL                    | \$ 60 million        |
- (iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase: 260 JAVELIN Anti-Tank Guided Missiles, tripods, JAVELIN Weapon Effects Simulators, enhanced basic skills trainers, containers, rechargeable and non-rechargeable batteries, battery chargers and dischargers, battery coolant units, support equipment, spare and repair parts, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support.
- (iv) Military Department: Army (ZAO)
- (v) Prior Related Cases, if any: FMS case ZUB-\$117M-21Jun10
- (vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None
- (vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Annex attached
- (viii) Date Report Delivered to Congress: 14 December 2011

\* as defined in Section 47(6) of the Arms Export Control Act.

## POLICY JUSTIFICATION

### United Arab Emirates – JAVELIN Anti-Tank Missiles

The Government of the United Arab Emirates (UAE) has requested a possible sale of 260 JAVELIN Anti-Tank Guided Missiles, tripods, JAVELIN Weapon Effects Simulators, enhanced basic skills trainers, containers, rechargeable and non-rechargeable batteries, battery chargers and dischargers, battery coolant units, support equipment, spare and repair parts, publications and technical documentation, personnel training and training equipment, U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support. The estimated cost is \$60 million.

This proposed sale will contribute to the foreign policy and national security of the United States by helping to improve the security of a friendly country that has been and continues to be an important force for political stability and economic progress in the Middle East.

The proposed sale of these missiles will provide the United Arab Emirates with a medium-range, man-portable, shoulder-launched, fire and forget anti-armor weapon system. The proposed sale will enhance UAE's existing anti-tank capability to meet current and future threats. UAE, which already has JAVELIN Anti-Tank missiles in its inventory, will have no difficulty absorbing these additional missiles into its armed forces.

The proposed sale of this weapon system will not alter the basic military balance in the region.

The prime contractor is a JAVELIN joint venture of Lockheed-Martin in Orlando, Florida, and Raytheon in Tucson, Arizona. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to UAE.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

Transmittal No. 11-45

Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act

Annex  
Item No. vii

(vii) Sensitivity of Technology:

1. The JAVELIN Weapon System hardware and the documentation provided with the sale are Unclassified. However, sensitive technology is contained within the system itself. This sensitivity is primarily in the software programs that instruct the system on how to operate in the presence of countermeasures.

2. The JAVELIN Anti-Tank Missile system provides a man-portable, medium anti-tank capability to infantry, scouts, and combat engineers. JAVELIN is comprised of two major tactical components: a reusable Command Launch Unit (CLU) and a missile sealed in a disposable launch tube assembly. The CLU provides the interface between the operator and the missile. The CLU incorporates an integrated day/night sight and provides target engagement capability in adverse weather and countermeasure environments. The CLU's thermal sight is a second-generation Forward Looking Infrared (FLIR) sensor, operating in the 8 to 10 microns wavelength, and is a 240x2 scanning array integral with a Dewar/Cooler unit. To facilitate initial loading and subsequent updating of software, all on-board missile software is uploaded via the CLU after mating and prior to launch. JAVELIN is Unclassified; however, information associated with the system is classified up to Secret.

3. The software programs contained in the JAVELIN Weapon System are in the form of microprocessors equipped with available Read Out Memory maps. However, the system does not allow access to the actual software program. The overall hardware is considered sensitive in that the modulation frequency and infrared wavelengths could be useful in attempted countermeasure developments.

4. If a technologically advanced adversary were to obtain knowledge of the specific hardware in the proposed sale, the information could be used to develop countermeasures which might reduce weapons system effectiveness or be used in the development of a system with similar or advanced capabilities.

[FR Doc. 2011-32795 Filed 12/21/2011 at 8:45 am; Publication Date: 12/22/2011]